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**COMBINED DECLARATION AND POWER OF ATTORNEY**

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(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT,  
SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR CIP).

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type:

- ☒ original
- ☐ design
- ☐ supplemental
- ☐ national stage of PCT
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System and Method For Transmitting Signals Over A Fiber Strand

**SPECIFICATION IDENTIFICATION**

The specification:

- ☒ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_, or Express Mail No., as Serial No. not yet known and was amended on \_\_\_\_\_ (if applicable).
- ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended on PCT Article 19 on \_\_\_\_\_ (if any).

## ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-mentioned specification, including the claims, as amended by any amendment referred to above (if any).

I acknowledge the duty to disclose all information known to me to be material to patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (a).

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty there is attached an information disclosure statement 37 CFR 1.97.

## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

### PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATION(S) DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120

U.S. APPLICATION(S)		STATUS (Check One)		
US APPLICATION(S)	US FILING DATE	PATENTED	PENDING	
ABANDONED				
<input type="checkbox"/> /				
<input type="checkbox"/> /				
<input type="checkbox"/> /				

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**PCT APPLICATION(S) DESIGNATING THE U.S.**

PCT APPLICATION NUMBER	PCT FILING DATE	ASSIGNED (if any)
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<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

**35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED  
U.S./PCT APPLICATIONS**

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**DETAILS OF FOREIGN APPLICATION FROM WHICH PRIORITY  
CLAIMED UNDER 35 USC 119**

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ABOVE APPLICATION NUMBER	COUNTRY APPLICATION NUMBER	DATE OF FILING (day, mo. yr.)	DATE OF ISSUE (day, mo. yr.)
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1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

☐ **PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☒ No such applications have been filed.  
☐ Such applications have been filed as follows.

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COUNTRY

APPLICATION  
NUMBER

DATE OF  
FILING  
(day, month, year)

PRIORITY  
CLAIMED  
UNDER 37  
USC 119

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☐ YES ☐ NO  
☐ YES ☐ NO

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POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Kenneth Goetz, Reg No. 32,696; Michael Byorick, Reg No. 34,131; William A. Rudy, Reg No. 34,916; Dan Cleveland, Jr., Reg No. 36,106; Thomas Swenson, Reg No. 36,696; Peter C. Knops, Reg No. 37,659; Curtis A. Vock, Reg No. 38,356; James M. Stipek, Reg No. 39,388; Joseph L. Johnson, Reg No. 39,718; Jeffrey B. Williams, Reg No. 43,269; and Robert J. Lambrechts, Reg No. 46,854; all of the firm Lathrop & Gage, L.C., 2345 Grand Boulevard, Suite 2800, Kansas City, Missouri 64108-2684; phone: (816) 292-2000; facsimile: (816) 292-2001.

Harley R. Ball, Reg. No. 31,733 of Sprint Law Department, Mailstop: MOKCMP0503, 8140 Ward Parkway, Kansas City, Missouri 64114; Phone: (913) 624-6668, Fax: (913) 624-6388; and Steven J. Funk, Reg. No. 35,875 of Sprint Law Department, Mailstop: MOKCMP0503, 8140 Ward Parkway, Kansas City, Missouri 64114; Phone: (913) 624-6828, Fax: (913) 624-6388.

Address communications to: Attn: Harley R. Ball  
Sprint Law Department  
Mailstop: MOKCMP0503  
8140 Ward Parkway  
Kansas City, Missouri 64114.  
(913) 624-6668 (phone)

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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

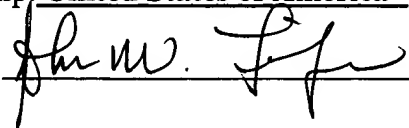
SIGNATURE(S)

Full name of third inventor, if any: John W. Linebarger

Residence: 9209 West 131<sup>st</sup> Terrace, Overland Park, Kansas 66213

Post Office Address: 9209 West 131<sup>st</sup> Terrace, Overland Park, Kansas 66213

Country of Citizenship: United States of America

Inventor's signature: 


Date: 1/2/01

Full name of second inventor, if any: Durga P. Satapathy

Residence: 17684 West 159<sup>th</sup> Terrace, Olathe, Kansas 66062

Post Office Address: 17684 West 159<sup>th</sup> Terrace, Olathe, Kansas 66062

Country of Citizenship: India

Inventor's signature: 

Date: 1/2/01

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007457.034



**PATENT**  
Sprint Docket No. 1459  
Express Mail Label No.: EL578977251US

**IN THE UNITED PATENT AND TRADEMARK OFFICE**

Applicant(s):	Linebarger et al.	Examiner:	Not Yet Assigned
Serial No.	Not Yet Assigned	Group Art Unit:	Not Yet Assigned
Filed:	Herewith		
For:	System and Method For Transmitting Signals Over A Fiber Strand		

**Box Patent Application**  
**Commissioner for Patents**  
**Washington, D.C. 20231**

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
(INCLUDING REVOCATION OF PRIOR POWERS, IF APPLICABLE)  
—AND—  
**CERTIFICATE OF ASSIGNEE UNDER 37 C.F.R. 3.73(b)**

**I. POWER OF ATTORNEY**

The assignee of the above application/patent is: Sprint Communications Company, L.P.

As assignee, all powers of attorney previously given are hereby revoked and the following attorney(s) and/or agent(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark office connected therewith.

William A. Rudy, Reg. No. 34,916; Peter C. Knops, Reg. No. 37,659; James M. Stipek, Reg. No. 39,388; Joseph L. Johnson, Reg. No. 39,718; and Jeffrey B. Williams, Reg. No. 43,269; all of the

**CERTIFICATE UNDER 37 C.F.R. § 1.8 and § 1.10**

I hereby certify that, on the date shown below, this correspondence is being

- ☒ deposited with the United States Postal Service in an envelope addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231 with sufficient postage:

**MAILING**

- ☐ 37 C.F.R. § 1.8  
as first class mail.

- ☒ 37 C.F.R. § 1.10  
as "Express Mail Post Office to Addressee"  
EXPRESS MAIL NO. EL578977251US.

**FACSIMILE TRANSMISSION**

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Wendy Precht  
Name of Depositor

  
Signature

2/15/01  
Date

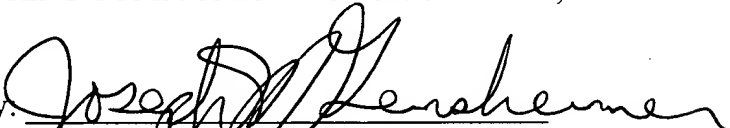
firm of Lathrop & Gage, L.C., 2345 Grand Boulevard, Suite 2800, Kansas City, Missouri 64108-2684; Phone: (816) 292-2000, Fax: (816) 292-2001; and

Harley R. Ball, Reg. No. 31,733 of Sprint Law Department, Mailstop: MOKCMP0503, 8140 Ward Parkway, Kansas City, Missouri 64114; Phone: (913) 624-6668, Fax: (913) 624-6388; and Steven J. Funk, Reg. No. 35,875 of Sprint Law Department, Mailstop: MOKCMP0503, 8140 Ward Parkway, Kansas City, Missouri 64114; Phone: (913) 624-6828, Fax: (913) 624-6388.

Address communications to:                      Attn: Harley R. Ball  
Sprint Law Department  
Mailstop: MOKCMP0503  
8140 Ward Parkway  
Kansas City, Missouri 64114.

Please direct correspondence and telephone calls to the above attorney.

SPRINT COMMUNICATIONS COMPANY, L.P.

By:   
Joseph M. Gensheimer  
Senior Vice President/  
Associate General Counsel

## II. CERTIFICATE UNDER 37 C.F.R. 3.73(b)

Sprint Communications Company, L.P. hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- ☒ A. An assignment from the inventor(s) of the patent application identified above.
- ☐ The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or
- ☒ The assignment, a copy of which is submitted herewith, the same having been submitted herewith for recordation.

OR

- ☐ B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:



The undersigned representative of the assignee has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned further states that he/she is the Senior Vice President/Associate General Counsel of the Assignee Corporation, and is authorized to act herein on its behalf. The undersigned further declares that all statements made herein of his or her own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated this 15th day of January, 2001.

SPRINT COMMUNICATIONS COMPANY, L.P.

By: Joseph M. Gensheimer  
Joseph M. Gensheimer  
Senior Vice President/  
Associate General Counsel

JMS/crc/835041.1